|   | Index of Claims                         |          |              |          |              |              |               |          |          |          |          |       |            |           | Application No.        |        |               |             |           |              |                 |           |              |            | Applicant(s)      |                |         |              |              |  |                 |           |  |  |
|---|---|----------|--------------|----------|--------------|--------------|---------------|----------|----------|----------|----------|-------|------------|-----------|------------------------|--------|---------------|-------------|-----------|--------------|-----------------|-----------|--------------|------------|-------------------|----------------|---------|--------------|--------------|--|-----------------|-----------|--|--|
|   |   |          |              |          |              |              |               |          |          |          |          |       |            |           | 10/030,749<br>Examiner |        |               |             |           |              |                 |           |              |            | BERGENWALL ET AL. |                |         |              |              |  |                 |           |  |  |
|   |   |          |              |          |              |              |               |          |          | Ш        |          |       |            |           |                        | '      | LAGITITICI    |             |           |              |                 |           |              |            |                   | Art Ollit      |         |              |              |  |                 |           |  |  |
|   |   |          |              |          |              |              |               |          |          |          |          |       |            |           |                        | ļ      | Philip J Chea |             |           |              |                 |           |              |            |                   | 2153           |         |              |              |  |                 |           |  |  |
|   | √ Rejected — (Through numeral Cancelled |          |              |          |              |              |               |          |          |          |          |       |            |           | ral                    | al) No |               |             |           |              | Non-Elected     |           |              | Α          | Appeal            |                |         |              |              |  |                 |           |  |  |
|   | = Allowed                               |          |              |          |              |              |               |          |          | ÷        |          |       | Restricted |           |                        |        | I In          |             |           | Interference |                 |           |              | 0          | Objected          |                |         |              |              |  |                 |           |  |  |
|   | Cla                                     | im       | Γ            |          |              | (            | Date          | e        |          |          |          | Claim |            |           |                        |        |               | Dat         | e         |              |                 | $\neg$    | С            | laim       | 1                 | Date           |         |              |              |  | $\neg$          |           |  |  |
|   |   |          |              | 2        | 9            |              |               |          |          |          |          | ľ     |            |           |                        |        | Τ             | T           |           |              |                 |           |              |            |                   |                |         | Ĩ            |              |  |                 |           |  |  |
|   | Final                                   | Original | 3/2/05       | 8/19/0   | 2/28/06      |              |               |          |          |          |          |       | Final      | Original  |                        |        |               |             |           |              |                 |           | Final        | Original   |                   |                |         |              |              |  |                 |           |  |  |
|   |   | 1        | V            |          |              |              |               |          |          |          | $\Box$   | -     |            | 51        | $\bot$                 | 1      | #             |             |           |              |                 |           |              | 101        |                   |                | 1       |              |              |  |                 |           |  |  |
|   |   | 2        | 1            |          |              |              | -             | -        | -        |          | _        | -     |            | 52<br>53  | +                      | +      | ╁             | +           | $\vdash$  | Н            | $\dashv$        |           |              | 102<br>103 | Н                 |                | +-      | ╁            | ╁            |  | $\dashv$        | _         |  |  |
|   |   | 4        | V            | 1        | 1            |              |               |          |          |          |          | t     |            | 54        |                        |        |               |             |           |              |                 |           |              | 104        |                   |                | 工       | L            |              |  |                 |           |  |  |
|   |   | 5        | 1            | 1        | 1            |              |               |          |          |          | $\Box$   | -     |            | 55        | +                      | +      | $\bot$        | <del></del> | ╄         | Н            | $\Box$          | _         |              | 105<br>106 | -                 | +              | +       | ╀            | ┼-           | _                                      |                 | $\dashv$  |  |  |
|   |   | 6<br>7   | 1            | V        | 1            |              |               |          | -        | _        | $\vdash$ | -     |            | 56<br>57  | +                      | ╁╴     | ╁             | +           | $\vdash$  | $\vdash$     | $\vdash$        | $\dashv$  |              | 107        | $\vdash$          | +              | +       | +            | +-           | -                                      |                 | $\dashv$  |  |  |
|   |   | 8        | 1            | 1        | 1            |              |               |          |          |          |          |       |            | 58        |                        |        |               |             |           |              |                 | $\exists$ |              | 108        |                   |                | 1       |              | 1            |  |                 |           |  |  |
|   |   | 9<br>10  | 1            | 1        | 1            |              |               | -        | _        | _        | Ш        | -     |            | 59<br>60  | -                      | _      |               | +           | 1         | H            | $\vdash$        | _         |              | 109<br>110 | $\vdash$          | +              |         | ╂-           | +            | H                                      | $\vdash$        |           |  |  |
|   |   | 11       | 1            | √ √      |              |              | -             | $\vdash$ | _        | _        | -        | -     |            | 61        |                        | +      | +             | +           | +         |              | $\vdash$        | -         |              | 111        | $\vdash$          |                | +       | ╁            | +            | H                                      | -               |           |  |  |
|   |   | 12       | 1            | 1        | 1            |              |               |          |          |          |          |       |            | 62        |                        |        |               |             |           |              |                 |           |              | 112        |                   |                |         |              | 1            |  |                 |           |  |  |
|   |   | 13       | 1            | _        |              | $\vdash$     | _             |          | _        | _        |          | -     |            | 63<br>64  | _                      | +      | +             | +           | $\vdash$  |              | -               |           | _            | 113        |                   | +              | +       | ┼            | +-           | ├                                      | $\vdash \vdash$ |           |  |  |
|   |   | 14<br>15 | 1            | 1        |              | -            |               | -        | _        | $\vdash$ | -        | -     |            | 65        | +                      | +      | ╁             | ┰           | +         |              | H               |           | -            | 115        | $\vdash$          | $\dashv$       | +       | ╁            | +-           | <del> </del>                           |                 |           |  |  |
|   |   | 16       |              |          |              |              |               |          |          |          |          |       |            | 66        |                        | I      |               |             |           |              |                 |           |              | 116        |                   |                |         |              |              |  |                 |           |  |  |
|   |   | 17       | <u> </u>     | _        | <u> </u>     | <u> </u>     |               | _        |          | _        | $\vdash$ | -     |            | 67<br>68  | +                      | +      |               | _           | ╀         | -            |                 |           |              | 117<br>118 | $\vdash$          | +              |         | ╁            | ╀            | $\vdash$                               | $\vdash$        | $\dashv$  |  |  |
|   |   | 18<br>19 | -            | ├        | $\vdash$     | $\vdash$     | $\vdash$      |          | $\vdash$ | -        | H        | H     |            | 69        | +                      | +      |               | +           | +         | -            |                 |           | _            | 119        | Н                 | $\dashv$       |         | ╁            | +            | +-                                     |                 | $\dashv$  |  |  |
| İ |   | 20       |              |          |              |              |               |          |          |          |          |       |            | 70        |                        |        | I             |             |           |              |                 |           |              | 120        |                   |                |         |              | $\prod$      |  |                 | $\Box$    |  |  |
|   |   | 21<br>22 | <u> </u>     | L        | <u> </u>     | <u> </u>     | _             | -        |          |          | Н        | -     |            | 71<br>72  | +                      |        |               |             | +-        | ├            | $\mid - \mid$   |           | <u> </u>     | 121<br>122 | ╁┤                | -              | +-      | +-           | ╁            | ├-                                     | $\vdash$        |           |  |  |
|   |   | 23       | H            | ╁        | -            | $\vdash$     | -             | $\vdash$ | $\vdash$ |          | H        | ŀ     |            | 73        | +                      | ╁      | ╁             | +           | +         |              | $\vdash$        |           |              | 123        | $\dagger$         | 1              | 1       | +            | T            |  |                 |           |  |  |
|   |   | 24       |              |          |              |              |               |          |          |          |          |       |            | 74        | 1                      |        |               |             |           |              |                 |           |              | 124        |                   | $\blacksquare$ |         | $\perp$      |              |  |                 |           |  |  |
|   |   | 25<br>26 | _            | _        | _            | ┡            |               | L        | _        |          |          | _     |            | 75<br>76  | +                      | +      | +             | +           | ╁-        |              | $\vdash$        | _         |              | 125<br>126 |                   |                |         | +            | ╁            | ┼-                                     |                 | $\dashv$  |  |  |
|   |   | 27       | -            | -        | H            | H            |               | H        | -        | -        | $\vdash$ | -     |            | 77        | +                      | +      | $^{+}$        | ╁           | +         |              |                 | $\dashv$  |              | 127        | $\vdash$          |                | _       | t            | T            | 十                                      |                 | $\dashv$  |  |  |
|   |   | 28       |              |          |              |              |               |          |          |          |          | _     |            | 78        |                        |        |               |             |           |              |                 |           |              | 128        |                   |                |         |              |              |  |                 |           |  |  |
|   |   | 29       | _            |          | _            | _            | -             |          |          | L        | _        | -     |            | 79<br>80  | _                      |        | +             | +           | ╀         |              | Н               | _         |              | 129<br>130 | $\vdash$          | $\dashv$       | +       | ╀            | ╁            | -                                      | H               | $\dashv$  |  |  |
|   |   | 30<br>31 | <del> </del> | $\vdash$ |              | $\vdash$     | $\vdash$      | $\vdash$ |          |          | $\vdash$ | ŀ     |            | 81        | +                      | +      | +             | +           | T         | Н            | H               | $\dashv$  |              | 131        | $\Box$            | $\dashv$       | +       | T            | T            |  |                 | $\exists$ |  |  |
|   |   | 32       |              |          |              |              |               |          |          |          |          |       |            | 82        | $\Box$                 |        |               |             |           |              |                 |           |              | 132        |                   | 1              | $\top$  | Ţ            |              |  | П               | $\Box$    |  |  |
|   |   | 33<br>34 | <u> </u>     |          |              |              | -             | _        | _        | _        |          | -     |            | 83<br>84  |                        | -      | +             | +           | ╀         |              | $\dashv$        | _         |              | 133<br>134 | $\vdash$          | +              | +       | ╀            | +-           | +-                                     | Н               | $\dashv$  |  |  |
|   |   | 35       |              | $\vdash$ |              |              | -             | -        | -        | -        | Н        | ŀ     |            | 85        | +                      | +      | ╁             | ╁           | ╁         |              |                 | -         |              | 135        | $\vdash$          | +              | +       | +            | +            |  | $\vdash$        | $\dashv$  |  |  |
|   |   | 36       |              |          |              |              |               |          |          |          |          |       |            | 86        |                        |        |               |             |           |              |                 |           |              | 136        |                   | $\Box$         | 1       |              | $oxed{\Box}$ |  |                 |           |  |  |
|   |   | 37<br>38 | _            | _        | _            | _            |               | <u> </u> | _        | _        | Н        | -     |            | 87<br>88  | +                      | +      | +             |             | ┼         | -            | -               | _         |              | 137<br>138 | $\vdash$          | -              |         | +            | ╁            | ├                                      | ┞─┤             | $\dashv$  |  |  |
|   |   | 39       |              | $\vdash$ | <del> </del> | $\vdash$     | <del> -</del> | -        | -        |          | H        | -     |            | 89        | +                      | +      | ╁             | +           | +         | H            | $\dashv$        | $\dashv$  | <del> </del> | 139        | +                 | +              | $\perp$ | 1            | +            |  |                 | $\exists$ |  |  |
|   |   | 40       |              |          |              |              |               |          |          |          |          |       |            | 90        | $\bot$                 | $\bot$ | 1             |             |           |              |                 |           |              | 140        | $\Box$            |                | 工       | I            |              |  |                 |           |  |  |
|   |   | 41       | $\vdash$     | -        |              |              | -             | -        | _        | _        | H        | -     |            | 91<br>92  | -                      | +      | +             | -           | +-        | -            | $\sqcup$        |           | ļ            | 141        | $\vdash$          | $\dashv$       | +       | +            | +            | -                                      | $\vdash \mid$   | $\dashv$  |  |  |
|   |   | 43       |              | -        |              | $\vdash$     |               |          | $\vdash$ |          | H        | -     |            | 93        | +                      | +      | +             | +-          | $\dagger$ | H            | $\vdash$        |           | <u> </u>     | 143        | $\vdash$          | +              |         | $^{\dagger}$ | T            | $\vdash$                               |                 | $\exists$ |  |  |
|   |   | 44       |              |          |              |              |               |          |          |          |          |       |            | 94        | $\perp$                | T      | $\downarrow$  |             |           |              |                 |           |              | 144        |                   | _ _            |         | I            | $oxed{\Box}$ |  |                 |           |  |  |
|   |   | 45<br>46 | <del> </del> | -        | <b>.</b>     | <del> </del> | -             |          | <u> </u> | <u> </u> |          | -     |            | 95<br>96  |                        | +-     | +-            | +-          |           | -            |                 |           | <u> </u>     | 145<br>146 | $\vdash$          | $\dashv$       | +       | +            | +-           | <u> </u>                               | $\vdash \vdash$ | -         |  |  |
|   |   | 47       | $\vdash$     | $\vdash$ | -            | $\vdash$     | -             | -        | _        |          | $\dashv$ | -     |            | 97        | +                      | +      | +-            | ╅           | +         | H            | H               | $\dashv$  | <u> </u>     | 147        |                   | _+             |         | $\perp$      | $\perp$      | t                                      |                 | $\dashv$  |  |  |
|   |   | 48       |              |          |              |              |               |          |          |          |          |       |            | 98        |                        |        |               |             |           |              |                 |           |              | 148        | П                 | $\Box$         | _       | L            |              | $\sqsubseteq$                          | П               | $\Box$    |  |  |
|   |   | 49<br>50 | $\vdash$     | -        | -            | -            | -             | $\vdash$ | -        | -        | $\dashv$ | -     |            | 99<br>100 | +                      | +      | +             | +           | +         | $\vdash$     | $\vdash \vdash$ |           | <u> </u>     | 149<br>150 | +                 | $\dashv$       | +       | +-           | +            | +                                      | $\vdash \mid$   | $\dashv$  |  |  |
|   |   | , 50     |              | 1        | <u> </u>     |              |               |          |          | L        | $\Box$   | L     |            | 100       |                        |        |               |             |           | 1            | ш               |           |              | 1 100      |                   | L              |         |              |              | ــــــــــــــــــــــــــــــــــــــ |                 |           |  |  |